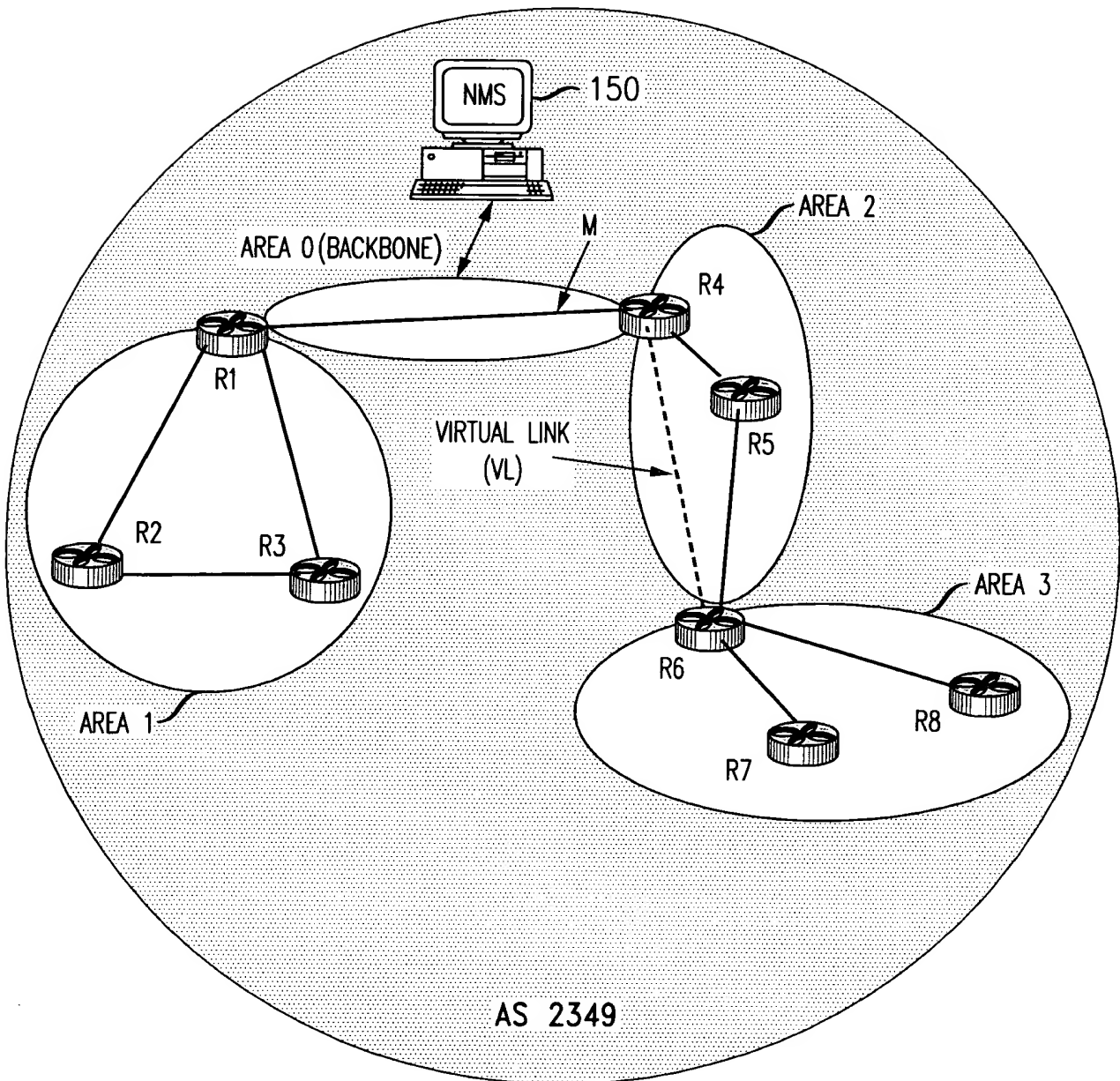


FIG. 1
HIERARCHICAL ROUTING IN OSPF



```

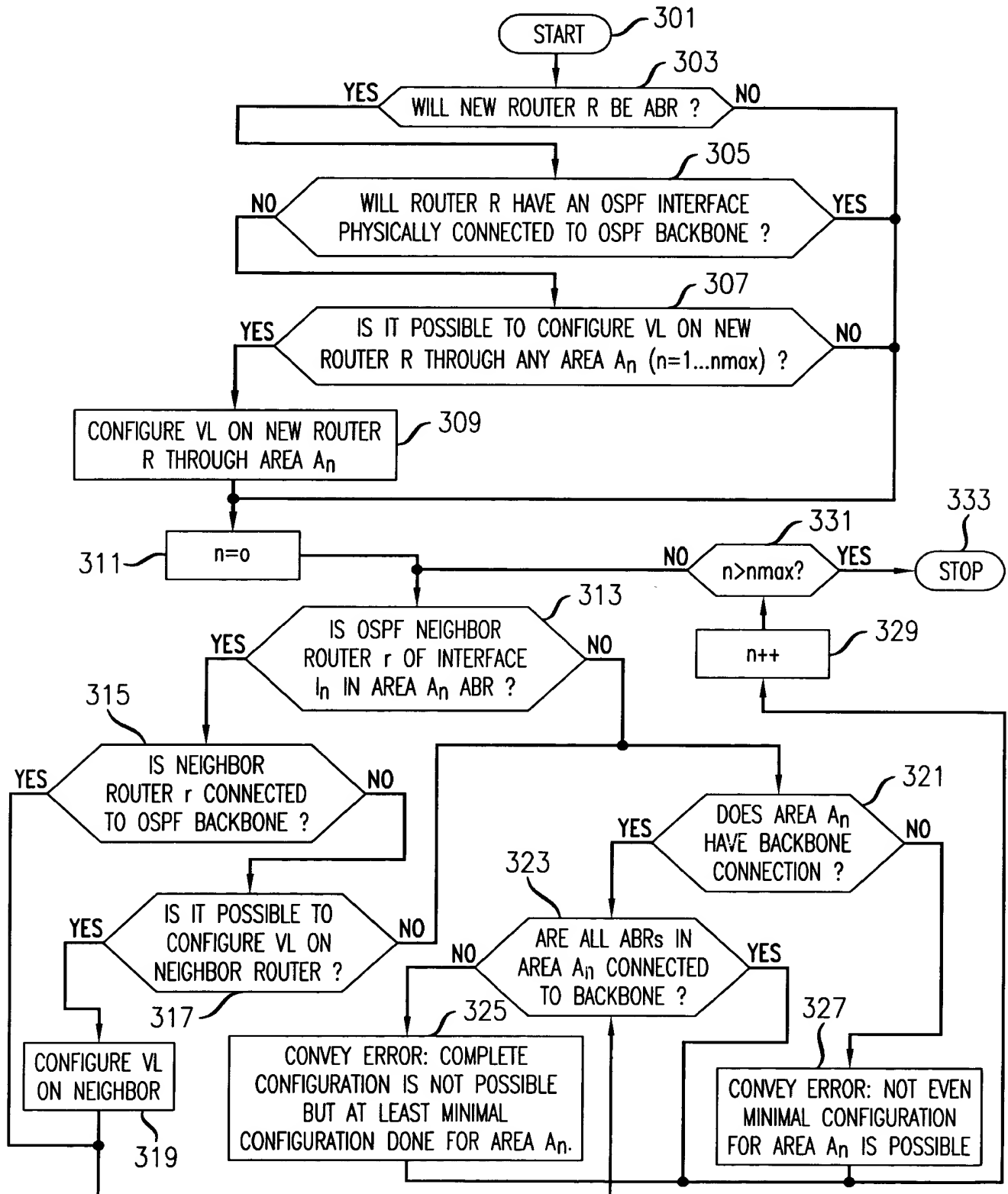
graph TD
    201([START]) --> 203{WILL NEW ROUTER R BE ABR ?}
    203 -- YES --> 207
    203 -- NO --> 205([STOP])
    207{WILL ROUTER R HAVE AN OSPF INTERFACE PHYSICALLY CONNECTED TO OSPF BACKBONE ?}
    207 -- YES --> 209([STOP])
    207 -- NO --> 211[n=1]
    211 --> 213
    213{DOES AREA An OF OSPF INTERFACE In HAVE A BACKBONE CONNECTIVITY ?}
    213 -- YES --> 215{n > nmax ?}
    213 -- NO --> 221
    215 -- YES --> 217([STOP])
    215 -- NO --> 229
    221{IS IT POSSIBLE TO CONFIGURE VL ON NEW ROUTER R ?}
    221 -- YES --> 223[CONFIGURE VL ON NEW ROUTER R]
    221 -- NO --> 227
    223 --> 225([STOP])
    227{IS IT POSSIBLE TO CONFIGURE VL ON OSPF NEIGHBOR ROUTER OF INTERFACE In ?}
    227 -- YES --> 231[CONFIGURE VL ON NEIGHBOR]
    227 -- NO --> 229[MESSAGE: AREA An DOES NOT HAVE MINIMAL CONFIGURATION]
    231 --> 213
    229 --> 215

```

3/5

FIG. 3

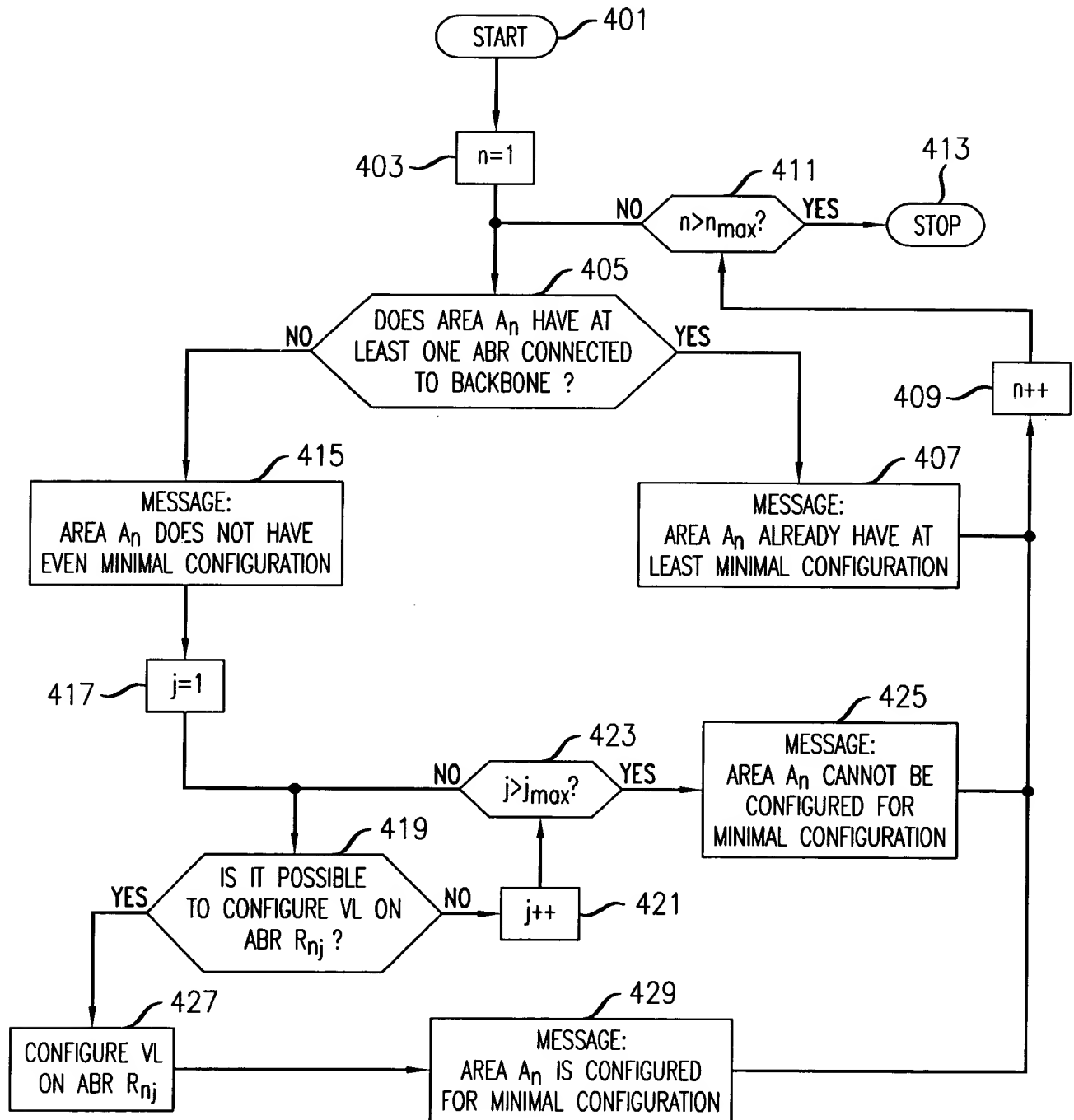
AUTO DETECTION AND AUTOMATIC CONFIGURATION OF VIRTUAL LINKS: NO
INTERFACE IS OSPF ENABLED, COMPLETE CONFIGURATION.



003455-091600

FIG. 4

RECONFIGURATION OF VIRTUAL LINKS: MINIMAL CONFIGURATION.



0064565-091800

FIG. 5

RECONFIGURATION OF VIRTUAL LINKS: COMPLETE CONFIGURATION.

